(b) if so, the amount of fund remained unused;

(c) the irrigation projects for which unused fund had been allocated; and

(d) the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P. V. RANGAYYA NAIDU): (a) to (d) Irrigation being a State subject, the responsibility for investigation formulaties, implementation and allocation of funds for irrigation projects rests with the State Governments. The Central assistance is provided in the form of block loans and grants and Is not tied to any project/programe. For certain selected projects, eannarked outlays are provided in the State Plans by the Planning *Com*mission. Outlay and expenditure on major and medium Irrigation Projects in the country during 1992-91 and 1993-94 are as under:—

(Rs. in crores)

Year	Outlay	Expenditure
1992-93	3127.76	3047.13
1993 94	3841.74	3369.30

Irrigation Projects in Andhra Pradesh

1884. SHRI G. PRATHAPA REDDY:

SHRI T. VENKATRAM REDDY:

Will the Minister of WATER RESOURCES be pleased to state:

(a) the names of the major and medium irrigation projects of Andhra Pradesh lagging behind their original schedule;

(b) the cost escalation of a result thereof;

(c) the reasons therefor;

(d) whether the Government of Andhra Pradesh has sent any proposal to the Central Government seeking financial assistance for the completion off these projects during the Eighth Five Year Plan; and

(e) if so, the steps taken by the Central Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P. V. RANGAYYA NAIDU): (a) and (b) Completion schedule and estimated cost are known in respect of approved projects only. A Statement giving names of approved major and medium irrigation projects of Andhra Pradesh running behind schedule and cost escalation thereof is enclosed. *(See* below)

(c) The reasons for time and cost overrun of the irrigation projects broadly fall into three categories:—

(1) *Technical*

Limited investigations for preparing feasibility report and consequent changes in scope and designs of project during implementation, inadequate provisions in .the original estimates for infrastructure facilities, land acquisition, rehabilitation and resettlement and environmental safeguards, etc.

(2) *Financial*

Rise in prices during construction, non-availability of adequate funds, escalation in the cost of acquisition! of lands.

(3) *Other reasons*

Labour trouble, contractual problems, agitation by environmentalists and the land oustees, natural calamities.

(d) and (e) Recently, the Government of Andhra Pradesh had sent a

proposal for additional Central assistance of Rs. 15 crore for completing remaining works of 'Dharamvaram canal, 3 component of expanded T. B. *H. L.* C, Stage-II. The proposal has not been agreed to as the techno-economic viability of the expanded T.B.H.L.C Stage-II has not been established.

Statement

Details of approved on going major and medium irrigation Projects of Andhra Pradesh running behind schedule

(Rs. in Crores)

Sl. No.	Name of the Project	Plan of Start	Original approved cost	Latest estimated cost	Cost escalation
1	2	3	4	5	6
A.	*MAJOR*				
1	Sriram Sagar Stage I	III	40.10	1519.15	1479.05
2	Srisailam R.B.C.	VI	220.22	1185.58	965.36
3	Nagarjun Sagar	I	91.12	864.00	772.88
4	Godavari Barrage	IV	26.59	158.04	131.45 26.0
5	Singur	V	104.36	130.42	6
6	Somasila	V	17.20	296.00	278.80
7	T.B. H.L.C. Stage II	III	11.95	193.00	181.05
8	Vamsadhara Stage I	IV	8.78	73.85	65.07
9	Pulivendla Branch Canal	IV	2.98	26.78	23.80
B.	*MEDIUM*				
1	Thandava	III	1.99	17.20	15.21
2	Kanupur	III	0.70	21.30	20.60
3	Madduvalasa	V	8.45	49.47	41.02
4	Vengalaraya Sagaram	V	8.00	27.48	19.48
5	Vottivagu	V	5.40	38.06	32.66
6	Yerrakalva	V	10.40	43.24	32.80
7	Varadarajaswamigudi	VI	13.97	18.21	4.24
8	Taliperu	V	9.06	38.37	29.31
9	Gundalavagu	V	1.16	7.22	6.05
10	Satralla	V	3.21	25.75	22.54
11	Andhra Reservoir	VII	5.40	16.89	11.49
12	Buggavanka	VII	25.96	25.96	..
13	Upper Kaulasanalla	VII	21.49	21.49	..
14	Maddigedda	V	10.55	4.69	3.14